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Datum/Date

07.08.02

Zeichen/Ref./Réf.	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.
EP 34173	02005739.4-2213-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire CANON KABUSHIKI KAISHA	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

- The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

2

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT																						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)																			
D, X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) & JP 09 160455 A (RICOH CO LTD), 20 June 1997 (1997-06-20) * abstract; figures 2A,2B *	1,13	G03G21/00																			
A	US 5 752 151 A (SAKEMI YUJI ET AL) 12 May 1998 (1998-05-12) * column 3, line 51-57; figure 7 * * column 6, line 58 - column 8, line 67 *	1-27																				
A	US 4 984 019 A (FOLKINS JEFFREY J) 8 January 1991 (1991-01-08) * column 2, line 18-33; figure 2.* * column 4, line 51-55 *	1-27																				
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TECHNICAL FIELDS SEARCHED (Int.Cl.7)																						
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<p>The present search report has been drawn up for all claims</p> <p>1</p>																						
<table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>MUNICH</td> <td>23 July 2002</td> <td>Kys, W</td> </tr> <tr> <td colspan="3">           CATEGORY OF CITED DOCUMENTS           <table border="0"> <tr> <td>X : particularly relevant if taken alone</td> <td>T : theory or principle underlying the invention</td> </tr> <tr> <td>Y : particularly relevant if combined with another document of the same category</td> <td>E : earlier patent document, but published on, or after the filing date</td> </tr> <tr> <td>A : technological background</td> <td>D : document cited in the application</td> </tr> <tr> <td>O : non-written disclosure</td> <td>L : document cited for other reasons</td> </tr> <tr> <td>P : intermediate document</td> <td>&amp; : member of the same patent family, corresponding document</td> </tr> </table> </td> </tr> </table>				Place of search	Date of completion of the search	Examiner	MUNICH	23 July 2002	Kys, W	CATEGORY OF CITED DOCUMENTS <table border="0"> <tr> <td>X : particularly relevant if taken alone</td> <td>T : theory or principle underlying the invention</td> </tr> <tr> <td>Y : particularly relevant if combined with another document of the same category</td> <td>E : earlier patent document, but published on, or after the filing date</td> </tr> <tr> <td>A : technological background</td> <td>D : document cited in the application</td> </tr> <tr> <td>O : non-written disclosure</td> <td>L : document cited for other reasons</td> </tr> <tr> <td>P : intermediate document</td> <td>&amp; : member of the same patent family, corresponding document</td> </tr> </table>			X : particularly relevant if taken alone	T : theory or principle underlying the invention	Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date	A : technological background	D : document cited in the application	O : non-written disclosure	L : document cited for other reasons	P : intermediate document	& : member of the same patent family, corresponding document
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

**EP 02 00 5739**

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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**23-07-2002**

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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ABSTRACT / ZUSAMMENFASSUNG / ABREGE

02005739.4

A cleaning device (17) comprising a cleaning member (43,43a) contactable to a moving image bearing member (11) to clean a surface of the image bearing member; holding means (47,41,41a) for holding the cleaning member; vibrating means (51) which is vibratable; wherein the holding means is movable toward and away from the image bearing member, and wherein the vibrating means (51) is supported on the holding means (41).